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No. 24]

NEW DELHI, SATURDAY, JUNE 15, 1968 (JYAISTHA 25, 1890)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
Separate paging is given to this Part in order that it may be filed as a separate compilation

भाग III—खण्ड 2**PART III—SECTION 2**

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बंधित अभिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs**THE PATENT OFFICE****Patents and Designs***Calcutta, the 15th June 1968***CORRIGENDUM**

In the Gazette of India, Part III, Section 2, dated 27th April 1968, in page 159, column 1, under the heading "Renewal Fees Paid"—

for No. "71993"
read No. "71995" and
for No. "68050"
read No. "68060"

Applications for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

25th May 1968

116077. Kaiser Aluminum & Chemical Corporation. Control system for container manufacturing device.
116078. Ciba Limited. Process for the manufacture of new furanosides.
116079. S. K. Karanjia. A portable lavatory seat cover.
116080. Miss Usha Rani Hattangadi. Control of insects and other biological pests by impregnating appropriate chemicals in an epoxy polymer resin containing cardinol from cashew nut shell oil, (a phenol long chain hydrocarbon), gum guar, urea, gelatine and formaldehyde.
116081. Alfred Teves GMBH. Improvements in or relating to brakes. (20th March 1968).
116082. B. L. Mittal. Apparatus for continuous sulphitation of juice in sugar industry.

27th May 1968

116083. Sri J. Sthanapati. Improvement of-sonometer, (An apparatus used in acoustics).
116084. A. J. Pandurang. Improvement in type casting in devnagari for straight way compose.
116085. S. Kanapati. Improvements in or relating to three dimension motion pictures.
116086. S. Kanapati. Improvements in or relating to full colour movies.
116087. Ruti Machinery Works Ltd. Weaving shuttle for inserting weft threads.
116088. The Cincinnati Milling Machine Co. Copper-clad plastic panels.
116089. Peltzer & Fils S. A. Societe Anonyme. Weft-pulling device for circular looms.
116090. Peltzer & Fils S. A. Societe Anonyme. Weft yarn selector for circular loom.
116091. Peltzer & Fils S. A. Societe Anonyme. Straight selvedge mechanism for circular looms.
116092. Sumitomo Chemical Company, Ltd. 2, 3, 4, 5, 6-pentachloroben-zylideneanilides.
116093. Gosudarstvenny Vsesojuzny Institut Po Proektirovaniju Predpriaty Kozokhimicheskoi Promyshlennosti. Device for discharging gas from a closed space.
116094. Titangesellschaft MBH. Process for the manufacture of a rutile pigment by reaction of titanium tetrachloride with oxygen in a hot gas mixture.
116095. Joseph Lucas (Industries) Limited. Voltage regulators. (2nd June 1967).
116096. The Battelle Development Corporation. Method of making high-density sintered metal.
116097. Ingersoll-Rand Company. Improvements in or relating to drilling heads, used with a drill tower.

116098. Laboratorio Chimico Farmaceutico Giorgio Zoja S.p.A. Process for the resolution of optical antipodes mixtures.
116099. Laboratorio Chimico Farmaceutico Giorgio Zoja S.p.A. Process for the preparation of the dextro-rotatory 2, 2' (ethylenediimino)-di-1-butanol.
116100. Laboratorio Chimico Farmaceutico Giorgio Zoja S.p.A. Process for the preparation of the dextro-rotatory 2, 2'-(ethylenediimino)-di-1-butanol.
116101. Ciba Limited. New peptides and processes for their manufacture.
116102. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Phosphoric acid esters, manufacture thereof and their use as insecticides.
116103. Yanmar Agricultural Equipment Co. Ltd. and Take-shita Iron Works Co., Ltd. Power cultivator usable both as walking cultivator and as operator-carrying cultivator.

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116104. Hay's International Services Limited. Improvements in or relating to laminated structures.
116105. Sugarland Implements, Inc. Apparatus and method of harvesting and processing sugar cane and similar stalked crops.
116106. E. I. du Pont de Nemours and Company. Alkyl 1-carbamoyl-n-(substituted-carbamoyloxy) thioformimidates.
116107. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. New water-soluble monoazo dyestuffs and process for their manufacture.
116108. E. Merck Aktiengesellschaft. Pesticidal composition.
116109. B. Garodia. Step voltage regulator. [Divisional date 9th February 1967].
116110. J. G. Sibakin, G. A. Roeder and P. H. H. Hookings. Electric arc steelmaking. [Addition to No. 113264].
116111. Rhone-Poulenc S. A. Process for the purification of phenol.
116112. The Goodyear Tire & Rubber Company. Improvements in method of producing polybutadiene.
116113. Esso Research and Engineering Company. Improved filler material for acetylene cylinders.
116114. Imperial Chemical Industries Limited. Preparation of non-protein nitrogenous compositions. (2nd June 1967).
116115. Imperial Chemical Industries Limited. Separation process. (18th March 1968).
116116. Dorr-Oliver Incorporated. Phosphorus removal by membrane treatment. [Addition to No. 112146].
116117. Aktiebolaget Bofors. Sunscreen composition.
116118. Caterpillar Tractor Co. Two-piece master track link.
116119. Ciba Limited. New peptides and processes for their manufacture.
116120. Ciba Limited. New 6-oxo-a-nor-b-homo-pregnadienes and process for their manufacture.
116121. Ciba Limited. Process for the manufacture of new amines.
116122. Gould-National Batteries Inc. Method of making a porous retaining membrane for the active material of a lead-acid storage battery positive plate.
116123. Ciba Limited. New 3-oxo-a-nor-b-homo-pregnadienes and process for their manufacture.
116124. Ceskoslovenska Akademie Vcd. A process of preparing novel dihalo derivatives of p-/1, 5-dimethyl-1, 5-hexadienyl/benzoic acid.
116125. Director General, Research Designs & Standards Organization, (Ministry of Railways), Spring steel loose jaw used on steel trough sleepers in a railway track.
116126. Agripat S.A. Antifungal compositions.
116127. Rohm and Haas Company. Hypoglycemic compounds.
116128. Westinghouse Brake and Signal Company Limited. Improvements relating to electromagnetic relays. (21st June 1967).
116129. Unelec. Independently closing device for electric apparatus.
116130. Shell Internationale Research Maatschappij N. V. A method for increasing cereal yields.
116131. Glaxo Laboratories Limited. Improvements in or relating to antibiotics. [Divisional date 13th December 1963].
116132. The Caledonian Mining Company Limited. Improvements in or relating to underground mines. (1st June 1967).
116133. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of vinyl acetate.
116134. Ciba Limited. New peptides and processes for their manufacture.
116135. Ciba Limited. New peptides and processes for their manufacture.
116136. Ciba Limited. Process for the manufacture of new guanyl-hydrazones.
116137. Alpine Chemische Aktiengesellschaft. Polyesters, their production and their use.
116138. The Plessey Company Limited. Improvements in or relating to jointing clips for insulated electric wires. (7th June 1967).
116139. The Plessey Company Limited. Improvements in or relating to insulated-channel-type wire-jointing clips. (8th June 1967).
116140. Kaiser Aluminum & Chemical Corporation. Apparatus for manufacture of container bodies.
116141. Ciba Limited. New 6-oxo-a-nor-b-homo-pregnadienes and process for their manufacture.
116142. Ciba Limited. New peptides and processes for their manufacture.
116143. Etablissement Salgad. A barrel for a launcher for fin-stabilised projectiles.
116144. A. K. Bajpai. Prevent excess consumption of oxygen, acetylene or any other gas when used in gas torches.
116145. English Clays Lovering Pochin & Company Limited. Improvements in or relating to the treatment of clay. (31st May 1967).
116146. B. S. Rathore. A. C. Adoptor.
116147. Gosudarstvenny Nauchno-Issledovatel'skiy I Proektny Institut Neftyanogo Mashinostroenia. Multi-cylinder pump for liquids.
116148. Siemens India Limited. Improvements in or relating to mosaic system of switch boards, control boards and the like.
116149. Shell Internationale Research Maatschappij N. V. Process for the preparation of 2, 4-disubstituted phenyl ketones. (1st June 1967).
116150. General Refractories Company. Basic, magnesia-containing refractory compositions.
116151. Chas Pfizer & Co., Inc. 1, 3 (2H, 4H)-dioxoisoquinoline-4-carboxamides.
116152. Pfizer Corporation. 2-aminoalkyl tetrahydroquinolines and method of preparation.

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116124. S. V. Kulkarni. Trimming hair.
116125. Ceskoslovenska Akademie Vcd. A process of preparing novel p-(1, 5-dimethylhexyl) benzoic acid derivatives.

116155. The Dunlop Company Limited. Improvements in or relating to polyurethane composite materials. (6th June 1967).
116156. M. T. Moriarity. Silo construction.
116157. Farbenfabriken Bayer Aktiengesellschaft. Process for dyeing or printing fibre materials containing nh-groups.
116158. Kureha Kagaku Kogyo Kaishiki Kaisha. Mercury-process electrolytic cell. (19th April 1968).
116159. Gevaert-Agfa N. V. Process for the preparation of polyesters of terephthalic acid and glycols. (2nd June 1967).
116160. Compagnie Francaise Thomson Houston—Hotchkiss Brandt. Projectile having a useful charge which must be released at a point on the projectile trajectory.
116161. Tokyo Shibaura Electric Company Limited. Low pressure mercury vapour discharge lamps.

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116162. S. C. Garg. New fittings for house hold and industrial wiring.
116163. J. Ram. A cantilever six U frame folding bedstead.
116164. G. S. Vaidya. Foam rubber with improved cavities in the same.
116165. M. D. Bhate. and S. S. Ponshe. An automatic opener for closed envelopes and the like articles.
116166. Ciba Limited. Manufacture of new 6-fluoro steroids of the androstane series.
116167. Sandoz Ltd. Improvements in or relating to organic compounds. (2nd June 1967).
116168. Arun Kumar Roy. Improvements in or relating to automatic locking devices.
116169. Tsentralny Nauchno-Issledovatel'skiy I proektirovatskiy Institut imeni I. I. Polzunova. A device for obtaining salt-enriched samples of condensates derived from condensates of power-generating equipment of power plants and for measuring salt content in said samples.
116170. Industrial Links (Private) Ltd. A collapsible almirah system.
116171. The Dunlop Company Limited. Covering materials. [Addition to No. 112294].
116172. Catalysts and Chemicals, Inc. Naphtha reforming.
116173. P. P. Patra and S. R. D. Dea. Improvements in or relating to the construction of pumps for liquids.
116174. Borg-Warner Corporation. Improvements in or relating to audio visual programme units. [Divisional date 18th May 1967].
116175. Midland Silicones Limited. Organopolysiloxane emulsions. (14th June 1967).
116176. Imperial Chemical Industries Limited. Control of nucleation. (6th June 1967).
116177. Westinghouse Brake and Signal Company Limited. Improvements relating to biased electrical relays. (28th June 1967).

Alteration of date

107165. The claim to priority date 24th September 1965 has been abandoned and the application dated as of 21st September 1966, the date of filing in India.
108166. The claim to priority date 17th December 1965 has been abandoned and the application dated as of 26th November 1966, the date of filing in India.
114286. Ante-dated to 29th November 1966 under Section 5 of the Act.
114779. Ante-dated to 29th August 1966 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

106580. North American Rockwell Corporation. One piece tubular vehicle axle and method of manufacture. Accepted on 10th May 1968.

Comprising the steps of forming the sheet of metal into a hollow beam swaging and internally upsetting the ends of the beam to reduced diameter, increased wall thickness wheel bearing mounting spindles, forming simultaneously with the forging of the spindle section.

106635. Veb Filmfabrik Wolfen. Lacquers that produce photo-polymerisable coatings. (3rd May 1966). Accepted on 16th May 1968.

Comprises a lacquer wherein the film forming base is a polyvinyl alcohol of which at least 20% OH-groups are etherified with ethylenically unsaturated groups, and the rest are free or wholly or partly esterified and/or acetalised.

106690. Dalmia Agencies Pvt., Limited, and M. H. Dalmia. Improved stopper head for nozzle mouth for steel plants and foundries. Accepted on 20th May 1968.

Comprising a vertical metal tap rod formed at the bottom with a collar, an inner ring to encircle the collar and a portion of tap rod, said inner ring being provided with external threads, whereby the assembly of inner ring with the tap rod and collar is screw fitted into the internally threaded bore of a stopper head.

106754. N. V. Philips' Gloeilampenfabrieken. A gunn-effect device and integrated circuit incorporating the same. Accepted on 23rd May 1968.

Comprises a semiconductor body or body part of one conductivity type other than silicon and germanium having two spaced ohmic contacts situated on one plane surface of the body or body part.

106807. Council of Scientific and Industrial Research. A composition for the cathode for oxygen depolarisation. Accepted on 25th May 1968.

Comprising a mixture of manganese dioxide powder and a conducting variety of carbon (5 to 25%) and a binder that is unaffected by alkali or electrolytic solution and does not introduce high resistance to the block.

106829. Rohm and Haas Company. Polymerizable imine and amine compounds and process for the preparation thereof. Accepted on 29th May 1968.

Comprises transesterifying an ester of acrylic or methacrylic acid with a hydroxy group containing amine and optionally hydrolyzing under acid conditions.

106835. S. R. Date. Improved devanagari printing types. Accepted on 25th May 1968.

- Overhanging portion of the symbolised vowel joints having a thickness of 0.160" and the height of the top and bottom tiers of the main character type is reduced to accommodate the overhanging portion of the vowel joints.*
106842. J. G. Sibakin, G. A. Roder and P. H. H. Hookings. Improvements in electric-arc steelmaking. (16th July 1966). Accepted on 27th May 1968.
- Making a bath of molten metal, continuously charging discrete, carbon containing, iron bearing material with 76 to 99.5% of iron.*
106852. Societe Des Forges Et Ateliers Du Creusot. Installation for preheating of pulverulent substances by the exhaust gases of an oven for the treatment of those substances. Accepted on 25th May 1968.
- Characterised by provision of recycle circuit having two separate branches with means to control the reintroduction supply and comprising one measuring device to measure temperature and flow in a part.*
106862. Dynamit Nobel Aktiengesellschaft. Process for the production of 1, 2-dichlorethane and an apparatus therefor. Accepted on 24th May 1968.
- Comprising reacting together ethylene hydrogen chloride and oxygen at a temperature of 260 to 280°C in presence of a catalyst and a steam-hydrogen chloride mixture as diluent.*
106989. Kureha Kagaku Kogyo Kabushiki Kaisha. Butadiene—styrene methyl methacrylate containing cross-linked graft co-polymer and process for producing the same. (8th August 1966). Accepted on 29th May 1968.
- Comprises in grafting 60 to 25 parts of styrene and methyl methacrylate monomers containing 0.01 to 5% of a copolymerizable cross linking agent with a rubber latex obtained by polymerising 40 to 75 parts butadiene or butadiene-styrene mixed monomer containing 0.01 to 5% crosslinking agent.*
107165. The British Petroleum Company Limited. Lubricating compositions, method for the preparation thereof and dispersions containing the same. Accepted on 30th May 1968.
- A lubricating composition is based on a mineral or synthetic lubricating base oil and containing an oleophilic molybdenum disulphide.*
107174. Bharat Electric Supply Traders (Manufacturers). Improvements in or relating to an aerial system of automobiles or like vehicles. Accepted on 27th May 1968.
- Comprising a tubular coupling member, a cylindrical metallic tubing moulded inside, a metallic casing for said tubing and a metallic protruding arm.*
107299. The Sigma Steel Industries (Regd.) Improvements in or relating to a sprayer. Accepted on 27th May 1968.
- A sprayer relating to the rotary pump unit, having an inexpensive pump in which the delivery of the insecticide or the like materials can be controlled, the loss of treating material can be prevented and used one again, and large quantities of material can be delivered at low pressure with the help of an improved rotor.*
107761. Combustion Engineering, Inc. Rocking support structure for drum in boiler installations. Accepted on 31st May 1968.
- Comprising a rigid support fixedly attached to the lower portion of the load and extending laterally, a fixed support below the rigid support, a rocking assembly with two load transferring surfaces disposed between the rigid support and the fixed support.*
107961. T. A. A. Negus. Loose-leaf binder system for record keeping and analysis. (16th November 1965). Accepted on 30th May 1968.
- Comprising a loose-leaf binder having front and back covers and means for releasably holding a pile of recording sheets by means of a set of holes.*
108031. Sperry Rand Corporation. Improvements relating to the transducers for power transmissions. (28th June 1966). Accepted on 18th May 1968.
- A transducer for converting an input movement into an inverse variation between two output pressures by using a flapper nozzle valve wherein a differential pressure is established between two output pressures proportional in magnitude and sense to an input signal.*
108062. Brown & Williamson Tobacco Corporation. Machine for cartoning packages. Accepted on 21st May 1968.
- Comprising a support, a hopper on the said support flat carton blanks having leading panels integral top and bottom panels, a package feeder means, a carton blank feeder means, blank support means, an elevator means, package support means plunger means.*
108092. Vsesojuzny Nauchno-Issledovatel'sky Institut metodiki i Tekhniki razvedki. Apparatus for radio-wave examination of rocks. Accepted on 22nd May 1968.
- Characterised in that modulator of radio transmitter device is an output signal pulse modulator, connected to power amplifier of radio transmitter, while the detector of radio receiver is a synchronous detector connected to modulator of radio transmitter and to amplifier of radio receiver device.*
108097. Ljuberetsky ordena Lenina i ordena Trudovogo krasnogo znamenija avod sel'skokhozyajstvennogo mashinostroenija imeni Ukhomskogo. Agricultural crop separating device. Accepted on 22nd May 1968.
- Comprising a fan, a piping arrangement, a conveyor in which the fan force the air flow through the piping to the conveyor.*
108102. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Mercury free seed treating agents. Accepted on 22nd May 1968.
- Comprises a mixture of (a) 3, 3', 4, 4'-tetrachlorotetrahydrothiophene-1,1-dioxide with (b) a salt ethylene bis-dithio-carbamic acid and of desired (c) pentachloronitrobenzene.*
108106. Dunlop Rubber Company Limited. Improvements in or relating to electrostatic flock coating. Accepted on 28th May 1968.
- Comprising one electrode of high voltage other at low, metal conductors, modified electrostatic field, base sheet.*
108112. Phillips Petroleum Company. Method and apparatus for producing carbon black. Accepted on 23rd May 1968.
- Comprises introducing reactants in first combustion zone and reacting them in second and third combustion zones, characterised by introducing a portion of feedstock in first zone and controlling structure characteristic of the product.*
108150. Bialskie Zaklady Urzadzen Technicznych. Device for limiting the hoisting capacity of power-driven machines, especially of cranes. Accepted on 25th May 1968.
- Comprises a rope or chain sheave having a rotary outer ring borne on an inner ring through which a force gauge in the form of a shackle and an elastic element are mounted eccentrically and penulosity on a sheave pin.*
108166. The British Petroleum Company Limited. Synthetic lubricating composition. Accepted on 24th May 1968.

Comprise blend of (a) polyester reaction product of aliphatic mono and/or polyhydric alcohol with 5-15 C-atoms with no hydrogen attached at 2 position to -OH group and polycarboxylic acid with 2-14 C-atoms and (b) polyether $X-(OR)^n-Y$, one R being tetramethylene group, other R, being $CH_2-C(R^1)(R^2)-X$ being alkyl or acyl group with upto 12 C-atoms, Y being hydroxyl or alkoxy group with 12-C-atoms.

108180. Narayan Chandra Das Gupta. Electrically kindling devices for furnaces and ovens. Accepted on 27th May 1968.

Comprising electrodes in contact with fuel bed, means to pass high density current continuous or intermittent through the electrode fuel in the vicinity of the junction being ignited.

108185. The English Electric Company Limited. Improvements in railway locomotives. (18th February 1966). Accepted on 29th May 1968.

Comprising driving axle suspensions, bogies with three axles, means for reducing the loss of wheel reaction at the central axle, fluid powered thrashing device.

108201. Weston Instruments, Inc. Improved electrical indicating instrument. Accepted on 24th May 1968.

Characterised in that a support carrying a coil being spaced from a flat member, the turns of the coil extending between a magnet and the flat member, the support and the magnet extending transversely of the pivotal axis.

108202. The Ensign-Bickford Company. A method of producing a linear detonating fuse, core, or the like, and a detonating fuse so produced. Accepted on 25th May 1968.

Comprising forming a less than fully active fuse having a core load less than the critical level and subsequently lowering the critical level.

108241. Debashis Ray, Partha Deb Pal, Syama Prasad Mukherjee, Baidya Nath Paul, Amitabha Nag and Kanad Purkayastha. Automatic cigarette dispenser. Accepted on 28th May 1968.

Comprising an electrical system, a lever a mechanical device with electrical system.

108251. James Mackie & Sons Limited. Improvements in and relating to textile machines. (2nd December 1965). Accepted on 27th May 1968.

Comprising means to lift an empty bobbin from the spindle, means to insert the bobbin into the storage device and means to transfer a full bobbin from the storage device to the empty spindle.

108255. The British Steel Piling Company Limited. Improvements in or relating to walking devices. (2nd December 1965). Accepted on 30th May 1968.

Comprising two groups of support members, at least one of said groups being upwardly movable relative to the other group to transfer the weight of the device to the other group, members of at least one of said groups being rotatable through an arc.

108266. The English Electric Company Limited. Improvements in fuse links. (7th December 1965). Accepted on 31st May 1968.

Comprising a sealed housing enclosing one or more fusible elements and valve means for exhaustion.

108267. The English Electric Company Limited. Improvements in fuse links. (7th December 1965). Accepted on 31st May 1968.

Comprising a fusible element connected between conducting members supported by a tubular body having an outer wall fabricated from a resin bonded mechanical stress and a inner wall integral therein.

108288. Titangesellschaft MBH. Improved pyrogenic TiO_2 pigment and method of producing same. Accepted on 31st May 1968.

Comprising pyrogenic TiO_2 pigment having an alumina silicate coating, coating being partially dehydrated.

108308. J. Binns. Machine for turning and shaping a heavy workpiece. Accepted on 27th May 1968.

A machine for turning and shaping a heavy work-piece by means of a cutting tool, comprising a prime mover for selectively starting and stopping the driving member and the work-piece, a releasable braking means for immobilizing workpiece relative to the tool, and electrical switches to permit the energization of the prime mover.

108320. Birfield Engineering Limited. Improvements in or relating to universal joints. (22nd January 1966). Accepted on 25th May 1968.

Comprising two yokes the arms of which are interconnected through journal pegs of a central cross member, the cross members body's ends are reduced to provide journal pegs and a body dimensioned for fitting through a journal bore, a cross pin fixed through a cross bore in body part.

108391. Compagnie Francaise Thomson Houston—Hotchkiss Brandt. Individual fire-arm. Accepted on 28th May 1968.

Comprising a projectile having a propelling charge, a projectile launching tube, support means for holding said tube, means for maintaining said tube.

108517. J. Martin. Improvements in vehicle ejection seats. (25th November 1966). Accepted on 29th May 1968.

Comprising an ejection gun for effecting initial ejection and at least one rocket motor pack positioned beneath the ejection seat.

108591. Chemical Construction Corporation. Method and apparatus for gas treatment and gas when obtained by said method. Accepted on 27th May 1968.

Comprising the steps in which an input gas stream is in counter current flow to and in contact with a liquid to vaporize the liquid into the gas said liquid being in direct heat exchange with the gas stream.

108611. American Flange & Manufacturing Co., Inc. Container closure assembly. Accepted on 25th May 1968.

Comprising container wall, lower cylindrical wall, channel shaped portion, closure flange, extending portion, closure receiving neck.

108627. Ciba Limited. Curable, filled unsaturated polyester resin mixtures and electrical insulating components made therefrom. Accepted on 30th May 1968.

Characterised in that the filler consists a nitrogenous compound having a molecular weight not exceeding 1000, and insoluble in resin component at 120°C .

108658. M & T Chemicals Inc. Method for preparing organotin compounds and the compounds so prepared. Accepted on 27th May 1968.

Reacting $[NC(CH_3)_3]_2SnX_2$ with ammonium hydroxide or alkali metal hydroxide, X^2 being chlorine, bromine or iodine and an integer atleast 2.

108688. General Electric Company. Improvements in or relating to discharge lamp ballasting. Accepted on 25th May 1968.

Comprising hybrid rectifier—capacitor, rectifier, capacitor bypass rectifier, utilization circuit, input terminal.

108709. Unital (Union d'Etude des Techniques de Traction et de Levage). Clamps for gripping cables and traction apparatus containing them. Accepted on 29th May 1968.

- Comprising two levers which are rigid with a cam having a contour passing through an opening of flat jaw.*
108751. Aktiebolaget Svenska Flakfabriken. A device for governing the pressure or quantity of a flowing gaseous medium. Accepted on 28th May 1968.
- Consisting of a housing, open ended passage, two damp blades, central body arranged to form an angle of about 10° with the longitudinal axis of said passage.*
108836. Ljuberetsky Ordena Lenina 1 Ordena Trudovogo Krasnogo Znameni Zavod Selskokhozyaistvennogo Mashinostroeniya Imeni Ukhtomskogo. Sugar cane harvester. Accepted on 25th May 1968.
- Comprising fan arranged on the turnable platform in the immediate proximity to the receiving section of the conveyor.*
109000. Indian Oxygen Limited. Tubular two-part couplings. (1st February 1966). Accepted on 31st May 1968.
- Comprising hard rubber coupling part, reinforcing ring prevent distortion due to heating.*
109042. Gosudarstvenny Nauchno-Issledovatel'sky Institut Teploenergeticheskogo Priborostroeniya. Hydrostatic liquid density transducer. Accepted on 25th May 1968.
- Characterized in that in the transducer provision is made for a compressor disposed in a closed cavity so that one side of compensator contacts the liquid filling the closed cavity whilst the other side of transducer contacts the test liquid, and the sensitive elements are interconnected by a stem.*
109069. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to indirectly heated cathodes of the kind having an emissive end face and methods of manufacturing such cathodes. Accepted on 28th May 1968.
- Consist of a metal hood having an end face secured to a cylinder by means of stay members and is provided with a circular groove.*
109601. Etablissements Merlin & Gerin, Societe Anonyme. Electro-optical voltage divider for the measurement of the voltage of an aerial high-voltage conductor. Accepted on 30th May 1968.
- Comprising a light source emitting a light beam polarizing means, a plurality of electro-optical devices and means to produce electric field.*
109660. N. V. Philips Gloeilampenfabrieken. A photosensitive lacquer. Accepted on 27th May 1968.
- Comprising a water insoluble polyvinyl butyral resin and a dimethyl lauryl aryl ammonium bichromate.*
109681. Maschinenfabrik Buckau R. Wolf A. G. Improvements in or relating to chamber for vacuum boilers of the sugar industry. Accepted on 25th May 1968.
- Consisting heating tube bundles characterized thereby that the steam chambers and in each time provided with a closed roof shaped head piece which extends from the outer heating chamber wall to the upwards extending circulation tube.*
109814. Joy Manufacturing Company. Material Loading Apparatus. Accepted on 25th May 1968.
- Characterized by side portion being inclined with respect to central portion and terminating in an edge extending from forward edge of central portion.*
110037. Secretary to Government, Industries Department Government of Kerala and Kanakku Sankara Pillai, Madhavan Pillai. Extraction of Tanning materials from cashew skin, viz., the tests covering the seed kernel of anacardium occidentale. Accepted on 27th May 1968.
- Solvent extracting the tests by means of water, dilute alkali ethanol, ethyl acetate or similar alcohols and esters.*
110101. Farbenfabriken Bayer Aktiengesellschaft. Production of thiazimidazolines and herbicidal compositions containing same. Accepted on 27th May 1968.
- Reacting 1-phenyl-3-alkyl urea with chlorocarbonyl sulphene chloride.*
110127. N. V. Philips Gloeilampenfabrieken. Semiconductor device and circuit arrangement comprising a semiconductor device. Accepted on 27th May 1968.
- In addition to first part, one connection pin comprises a second part located opposite to first part beside end portion of supporting connection pin and to which is connected the conductor which connects the one connection pin to a further electrode of semiconductor body, the first and second parts being united inside the envelope.*
110549. Western Electric Company, Incorporated. Apparatus for producing plurality of beams from single beam. Accepted on 27th May 1968.
- Comprising three or more birefringent bodies arranged along a common axis and orientated and disposed with respect to each other, whereby a plurality of output beams of electromagnetic radiation are produced from a single input beam.*
110710. Imperial Chemical Industries Limited. Improved magnetic recording tape. (27th May 1966). Accepted on 25th May 1968.
- Comprising a polyethylene terephthalate layer containing between 0.15 and 2.00% by weight of inert particles between 0.1 and 2 microns average particle size, the layer having a coated layer containing magnetically susceptible material.*
110738. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to push-pull amplifiers including transistors. Accepted on 27th May 1968.
- At least one diode which is polarized in the pass direction, is included between the collector of one driver transistor, the emitter of which is connected to the base of the associated output transistor, and the common connecting circuit of output transistors.*
110783. Luwa AG. Pneumatic cleaner for roving frames, fly frames, and the like. Accepted on 27th May 1968.
- Comprising an enclosure having scavenging air intake openings and air discharge openings, said discharge openings being in a plane beneath that of said intake openings.*
110902. N. V. Philips Gloeilampenfabrieken. Device comprising a groove-scanner with pressure-sensitive transistors. Accepted on 27th May 1968.
- The groove-scanner comprises two pressure-sensitive transistors, the emitter collector paths of which are traversed in series by the supply current.*
110965. Luwa AG. Monitoring device for textile machines for determining interruptions at moving fiber strands or the like. Accepted on 25th May 1968.
- Comprising at least one measuring feeler, a field effect transistor, a series capacitor and evaluation circuit means.*
111070. Tractel Tirfor India Private Limited. Ratchet hoist type lifting and pulling machine. Accepted on 30th May 1968.
- Characterized in that it is provided with a detachable handle of light alloy, one end of which is machined to insert the same into a socket having two projections.*
111338. Textron Industries, Inc. Coupling arrangement and tools for same. Accepted on 25th May 1968.
- A torque transmitting coupling combination, virtually universal in application and may be used in many different instances where polygonal surface configuration has been provided for facilitating the transmission of torque from one unit to another.*
111383. E. Scheubock. Protective circuit for diverter switches of tap changers for regulating transformers. Accepted on 29th May 1968.

Wherein a switch is connected in each of the two leads connecting the diverter switch with the tap selector and are arranged such that when one lead is in open position the other is kept closed.

111385. Spetsialnoe Konstruktskoe-Tekhnologicheskoe Bjuro Kislородnogo, Gazorezhushchego I Kompressorного Mashinostroenia. Method of producing oxygen from air. Accepted on 29th May 1968.

The part of the nitrogen used for generation of the purification unit absorbent is removed from the selection between the rectification column and the point of entry of said nitrogen into heat exchange with air.

111547. Celanese Corporation. Purification of hexamethylenediamine by recrystallization from cyclohexane. Accepted on 25th May 1968.

Crystallised in a solvent comprising a hydrocarbon having from 5 to 12 carbon atoms.

111712. Imperial Chemical Industries Limited. Cellular compositions. (8th August 1966). Accepted on 25th May 1968.

Comprising bending dinitro pentamethylenetetramine, organic or inorganic amide or an ammonium salt of an inorganic acid or an aromatic acid, polyvalent organic acid or aliphatic monovalent acid of molecular weight less than 80 and natural or synthetic rubber and heating the mixture to generate nitrogen.

111929. Mrs. Krishna Sengupta. A process of preparing soft viscous resin mass and permanent-tack, pressure-sensitive adhesive composition therefrom. Accepted on 25th May 1968.

A composition comprising a resin and naphthalene.

112386. Ciba Limited. Azo pigments, process for their manufacture, and materials pigmented therewith. Accepted on 31st May 1968.

Reacting a diazonium compound containing an aryl residue with a naphthol.

112411. Eaton Axles Limited. An improved differential mechanism. Accepted on 25th May 1968.

A drive mechanism comprising a differential device including a differential case, input and output means and friction clutch means to be employed in vehicle inter axle or final drives adapted to equally divide the transmit torque to the driving wheels of the vehicle.

112412. Stamicarbon N. V. Hydrocyclone washer. Accepted on 25th May 1968.

Comprising a vessel, a vortex finder axially arranged within the vessel, the vessel having a cyclone chamber therein, the chamber being confined by a cylindrical portion surrounding the vortex finder, having an inlet leading tangentially into the chamber and merging at one end.

112662. L. A. Fattori. Dispenser-closure. Accepted on 25th May 1968.

Comprising a spout, a diaphragmic transverse wall closure of elastomeric material mounted on the spout at delivering end preformed in a deeply concave configuration extending into the spout from a peripheral juncture.

112699. Allied Chemical Corporation. Process for sulphonating an organic liquid compound. Accepted on 30th May 1968.

Comprises contacting the organic compound with a mixture of sulphur trioxide and an inert diluent gas.

112820. Gestetner Limited. Stripper clamp for stencil duplicator. (20th October 1966). Accepted on 25th May 1968.

A clamp for clamping a member on a bar of polygonal cross-section for providing a ready adjustment of the position of such member longitudinally of the bar and for retaining a sheet stripper on its carrying bar in a duplicating machine.

113219. Imperial Chemical Industries Limited. Non-woven materials. (29th November 1966). Accepted on 25th May 1968.

Having a specific volume greater than $12.5 \text{ cm}^3 \text{ gm}^{-1}$ where in the filaments forming the material at least a proportion of two dimensionally mechanically crimped composite filaments, each of said filaments consisting of fibre forming polymeric material.

113264. J. G. Sibakin, G. A. Roeder and P. H. H. Hookings. Improvements in electric-arc steelmaking. (3rd September 1965). [Divisional date 30th August 1966]. Accepted on 23rd May 1968.

Forming a bath of molten metal in an electric-arc furnace and charging discrete, iron bearing material into said bath at controlled rate.

113377. Imperial Chemical Industries Limited. Mouldable poly (ethylene terephthalate) compositions and shaped articles prepared therefrom. (9th December 1966). Accepted on 27th May 1968.

Comprising polyethylene terephthalate and a small amount of finely divided pyrophyllite.

113516. Olinkraft, Inc. A device for closing bags. Accepted on 24th May 1968.

Comprises (a) conveyor means for continuously feeding bags from a loading station into position to be closed (b) forming bars above conveyor means for folding the top of bags into closed position (c) means above forming bars for feeding sealing tape onto the top of folded bags, sealing means in spaced relationship to forming bars for sealing tape onto folded bags.

113604. Micafil Ltd. Controlled anti-ferroresonance circuit for capacitive voltage transformers and corresponding control circuit. Accepted on 27th May 1968.

Wherein a triac (gate-controlled a.c. switch) is used for controlling the damping burden.

113774. Glaverbel. Improvements in or relating to a process and apparatus for the manufacture of glass. Accepted on 25th May 1968.

Drawing a continuous glass ribbon from a bath of molten glass through a drawing chamber, characterised by imparting to gases in the drawing chamber to and fro motion transverse to the ribbon of glass.

114175. Westinghouse Electric Corporation. Resilient mounting ring for rotating machines. Accepted on 30th May 1968.

Including outer and inner concentric sleeve members coupled together by joining members including a strip with its ends attached to the sleeve members, the unattached portion of the strip being U shaped.

114230. Svenska Aktiebolaget Bromsregulator. Vehicle brake linkage slack-adjuster. (28th February 1967). Accepted on 25th May 1968.

A vehicle brake linkage slack-adjuster, comprising a brake arm forming the linkage mounted for rocking about the axis of a shaft, force being transmitted between the brake arm and the shaft by means of a worm mounted for rotation in the brake arm and meshing with a worm wheel mounted on and secured against rotation relative to the shaft.

114286. The English Electric Company Limited. Improvements in railway locomotives. [Divisional date 29th November 1966]. Accepted on 29th May 1968.

Comprising bogie with a holster, bogie frame, wheel axles, downwardly extending bracket on the holster.

114779. Rohm and Haas Company. Imine and amine polymers process for the preparation thereof and coating, impregnating or binder composition containing the same. [Divisional date 29th August 1966]. Accepted on 29th May 1968.

Comprises addition polymerizing an imine and optionally hydrolysing the resulting polymer in the presence of an acid.

Patents Sealed

100648. 101714. 101758. 102783. 103138. 103198. 103200. 103250. 103291. 103455. 103767. 103898. 104392. 105026. 105356. 105379. 105807. 105958. 106159. 106603. 107507. 107849. 108142. 109015.

Amendment Proceedings

The amendment proposed by Produits Chimiques Pechiney-Saint-Gobain in respect of patent application No. 103059 as advertised in the Gazette of India, Part III, Section 2 dated the 11th November 1967 has been allowed.

Renewal Fees Paid

49719. 49725. 49754. 49755. 49799. 49817. 49824. 50542. 52054. 52094. 52135. 52136. 52173. 52176. 52210. 52226. 52230. 52242. 52267. 52759. 52760. 54164. 54642. 54658. 54693. 54765. 54889. 54914. 55114. 55374. 57459. 57510. 57512. 57535. 57538. 57540. 57561. 57589. 57600. 57602. 57611. 57621. 57629. 57649. 57671. 57677. 57684. 57692. 57714. 57764. 57841. 58113. 58276. 59064. 59756. 60155. 60522. 60605. 60701. 60740. 60757. 60758. 60841. 60851. 60852. 60979. 60998. 61061. 62208. 64247. 64253. 64254. 64313. 64320. 64349. 64362. 64376. 64427. 64429. 64439. 64744. 64965. 64977. 65213. 65214. 65256. 65829. 67000. 67900. 67954. 67960. 67967. 67992. 67998. 68033. 68044. 68078. 68079. 68157. 68158. 68160. 68225. 68272. 68347. 68368. 68425. 68454. 68458. 68971. 69210. 72004. 72040. 72041. 72042. 72048. 72060. 72072. 72088. 72090. 72103. 72127. 72129. 72174. 72182. 72217. 72237. 72279. 72298. 72323. 72331. 72344. 72402. 72468. 72479. 72480. 72481. 72580. 72696. 72742. 73018. 73019. 73021. 73022. 73023. 73033. 73076. 73100. 73343. 73398. 73427. 73458. 73464. 76738. 76799. 76932. 76996. 77001. 77043. 77064. 77093. 77165. 77231. 77283. 77315. 77351. 77352. 77387. 77380. 77390. 77404. 77472. 77525. 77537. 77568. 77634. 77635. 77683. 77721. 77729. 78236. 78237. 78313. 78443. 78490. 79326. 79643. 79677. 79678. 79679. 80948. 80949. 82184. 82188. 82479. 82524. 82555. 82564. 82589. 82620. 82647. 82651. 82663. 82673. 82678. 82685. 82732. 82749. 82796. 82798. 82799. 82810. 82811. 82817. 82818. 82861. 82863. 82898. 82902. 82940. 82977. 82992. 83041. 83045. 83058. 83124. 83144. 83195. 83273. 83279. 83293. 83342. 83349. 83451. 83583. 83733. 84130. 84274. 84513. 86416. 86461. 88091. 88124. 88162. 88207. 88209. 88232. 88238. 88251. 88286. 88289. 88290. 88291. 88304. 88320. 88337. 88338. 88343. 88351. 88352. 88392. 88450. 88477. 88484. 88494. 88522. 88548. 88549. 88555. 88566. 88585. 88590. 88609. 88610. 88612. 88636. 88638. 88645. 88674. 88693. 88757. 88765. 88802. 88828. 88837. 88870. 88886. 88956. 88985. 89002. 89087. 89089. 89102. 89127. 89134. 89514. 89659. 89975. 90007. 92348. 93203. 93975. 93976. 93977. 93978. 94084. 94098. 94112. 94119. 94123. 94133. 94136. 94138. 94189. 94217. 94218. 94223. 94243. 94246. 94254. 94290. 94327. 94369. 94370. 94431. 94477. 94491. 94494. 94504. 94520. 94539. 94551. 94625. 94633. 94634. 94672. 94705. 94750. 94753. 94850. 94926. 94914. 95011. 95012. 95049. 95081. 95188. 95202. 95393. 96146. 96572. 96972. 97247. 97625. 97981. 98286. 98446. 98566. 98923. 99427. 99428. 100022. 100208. 100209. 100210. 100241. 100258. 100263. 104195.

CESSATION OF PATENTS

64351. 64352. 64358. 72634. 72635. 72636.

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 75184—Babubhai Jayantilal Shah.

The patent ceased on the 3rd February 1967, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 8th June 1968. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents & Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 27th July 1968.

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 83756—British Drilling Equipment Co., Ltd.

The patent ceased on the 18th August 1967, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 10th February 1968. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents & Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 27th July 1968.

(3)

An order has been made on the 22nd May 1968, restoring the patent No. 55622 dated as of the 17th October 1955, granted to Durex Products, Incorporated for "pharmaceutical compositions".

(4)

An order has been made on the 17th May 1968, restoring the patent No. 57255 dated as of the 4th May 1956, granted to Christopher George Beard & Rajkumar Prithveraj Urs, for "improvements or in relating to cement compositions".

(5)

An order has been made on the 21st May 1968, restoring the patent No. 73534 dated as of the 1st October 1960, granted to Francisco Goldberger Konstandt for "panel structure for doors, furniture and the like".

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 132126. Virendra Kumar Jhamb, An Indian Citizen, 211, Frere Road, Bombay-1, Maharashtra India, "Slotted angle", October 24, 1967.

Class 1. Nos. 132132 and 132133. Union Carbide India Limited 1, Middleton Street, Calcutta 16, West Bengal, India, an Indian Company, "A flashlight", October 25, 1967.

Class 1. No. 132236. Western Engineering Company, 9206, Nawab Ganj, Library Road, Delhi-6, a firm registered under the Indian Partnership Act, 1932. "Cycle locks", November 27, 1967.

Class 1. No. 132239. Pravinkumar Keshavlal Sanghavi and Kamalaben Keshavlal Sanghavi, both Indian Nationals, 370, West Bapti Road, Bombay-8, Maharashtra State, "Pressure vent tube for use on Pressure cookers.", November 27, 1967.

Class 1. No. 132240. Pravinkumar Keshavlal Sanghavi and Kamalaben Keshavlal Sanghavi, both Indian Nationals, 370, West Bapti Road, Bombay-8, Maharashtra State, "Pressure valves for use on pressure cookers", November 27, 1967.

Class 3. No. 132531. Chimanlal Girdharilal Doshi, Indian, 262, Jawahar Nagar, Goregaon (West), Bombay-62 NB, Maharashtra, "Container", December 18, 1967.

Class 3. No. 133203. Metro Bangles, an Indian Partnership Firm duly registered under the Indian Partnership Act, 73-D, Government Industrial Estate, Kandivli, Bombay-67, State of Maharashtra India, "The sole of a footwear", February 21, 1968.

Class 4. No. 132583. Vanco Perfumes (India), 1254, Bhavanipeth, Poona-2, Maharashtra, Indian Partnership Concern, "Bottles", December 30, 1967.

Class 13. Nos. 133335 to 133337, 133340, 133342 to 133346, 133348 to 133351, 133353 to 133355, 133359 to 133362, 133364 to 133367, 133369 and 133370 and 133374. The Crown Spg. & Mfg. Co., Ltd., Sir Vithaldas Chambers, 16, Apollo Street, Fort, Bombay 1, Maharashtra, Nationality—Indian Company, "Textile goods", March 11, 1968.

S. VEDARAMAN.
*Controller General of Patents,
Designs and Trade Marks*

